



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

09/939,630

08/28/2001

Andrew P. Alegria

10015018-1

4533

7590

05/24/2004

HEWLETT-PACKARD COMPANY

Intellectual Property Administration

P.O. Box 272400

Fort Collins, CO 80527-2400

EXAMINER

NGUYEN, LE V

ART UNIT

PAPER NUMBER

2174

2

DATE MAILED: 05/24/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/939,630	Applicant(s) ALEGRIA ET AL.	
	Examiner Le Nguyen	Art Unit 2174	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Specification

1. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 16 and 17 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 16 recites the limitation "the selected options" in line 14 of page 13. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1-15 and 17-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Weinberg et al. ("Weinberg").

As per claim 1, Weinberg teaches a method for improving performance of a GUI, the method comprising:

identifying a plurality of links, wherein the identifying is performed in response to an initiation command (fig. 12; col. 25, line 21 through col. 26, line 15; col. 21, lines 6-44); and automatically processing the plurality of links, with each link being processed individually (col. 25, line 21 through col. 26, line 15; col. 10, lines 29-39; *wherein described is a step between receiving data/ input and producing results/output and wherein a browser may be generated for each link of the list of links*).

As per claim 2, Weinberg teaches a method for improving performance of a GUI comprising editing the plurality of links, wherein the editing is based on at least one option (figs. 16-18; col. 17, lines 1-13; *users may edit the list of links to remove links based on the content type of the links wherein content type comprises one of audio, video, file, etc.*).

As per claim 3, Weinberg teaches a method for improving performance of a GUI wherein the at least one options is selected by a user (col. 17, lines 1-5; col. 27, lines 37-45).

As per claim 4, Weinberg teaches a method for improving performance of a GUI wherein the identifying comprises reading a source code of a Web page and determining a plurality of links within the Web page based on predefined criteria (figs. 16-18; col. 17, lines 1-13; col. 21, lines 40-57).

As per claim 5, Weinberg teaches a method for improving performance of a GUI wherein the automatic processing comprises processing the plurality of links in a batch mode (figs. 12,

Art Unit: 2174

16-19 and 21; col. 17, lines 1-13; col. 25, lines 52-63; col. 21, line 6 through col. 22, line 37;

running data sets acquired from users and then providing the results to the users).

As per claim 6, Weinberg teaches a method for improving performance of a GUI wherein each of the plurality of links comprises at least one content type, the content type being one or more of image, text, video audio, data and computer code (col. 17, lines 1-13; *content type such as audio, video, file, etc.*).

As per claim 7, Weinberg teaches a method for improving performance of a GUI comprising specifying the process performed on the plurality of links, wherein the specified process is at least one of downloading, opening, playing, storing and printing (col. 25, line 21 through col. 26, line 15; col. 10, lines 29-39; col. 16, lines 53-67).

As per claim 8, Weinberg teaches a method for improving performance of a GUI wherein specifying the process comprises specifying the process based on the content type (figs. 16-18; col. 17, lines 1-13).

Claim 9 is similar in scope to claim 1 and is therefore rejected under similar rationale.

Claim 10 is similar in scope to claim 2 and is therefore rejected under similar rationale.

Claim 11 is similar in scope to claim 4 and is therefore rejected under similar rationale.

Claim 12 is similar in scope to claim 6 and is therefore rejected under similar rationale.

Claim 13 is similar in scope to claim 7 and is therefore rejected under similar rationale.

As per claim 14, Weinberg teaches a system for improving performance of a GUI, the system comprising:

a parser, wherein the parser is configured to identify a plurality of links in response to an initiation command (col. 21, lines 31-44); and

a thread generator, wherein the thread generator is configured to individually process each of the plurality of links (col. 21, line 6 through col. 22, line 37; col. 25, line 21 through col. 26, line 15).

As per claim 15, Weinberg teaches a system for improving performance of a GUI comprising a user interface configured to provide a selection of one or more options and a selector configured to accept the one or more options, and to forward the one or more options to at least one of the parser and the thread generator (col. 21, lines 31-44; *upon users' initiation/selection of scanning process, the selection request is forwarded to the parser and thread generator*).

As per claim 17, Weinberg teaches a system for improving performance of a GUI wherein the thread generator is further configured to process the plurality of links based on selected options (figs. 16-18; col. 17, lines 1-13).

As per claim 18, Weinberg teaches a system for improving performance of a GUI wherein the parser is further configured to communicate with a browser to access a source code of a Web page and to identify the plurality of links based on the source code (figs. 16-18; col. 17, lines 1-13; col. 21, lines 40-57).

As per claim 19, Weinberg teaches a system for improving performance of a GUI wherein the thread generator is further configured to communicate with a browser and to forward the plurality of links to the browser for processing (figs. 16-18; col. 17, lines 1-13; col. 21, line 6 through col. 22, line 37; col. 10, lines 29-39).

As per claim 20, Weinberg teaches a system for improving performance of a GUI wherein the thread generator is configured to process the plurality of links in a batch mode (figs. 12, 16-19 and 21; col. 17, lines 1-13; col. 25, lines 52-63; col. 21, line 6 through col. 22, line 37).

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claim 16 is rejected under 35 U.S.C. 103(a) as being unpatentable over Weinberg et al. ("Weinberg").

As per claim 16, although Weinberg teaches a system for improving performance of a GUI wherein the plurality of links may be edited based on a selected option (figs. 16-18; col. 17, lines 1-13), Weinberg does not explicitly disclose the parser being configured to edit the plurality of links based on the selected options. However, Weinberg teaches a parser configured to process a request based on the selected option (col. 21, lines 31-44). Therefore, it would have been obvious to include Weinberg's parser, configured to process a request based on the selected option, to Weinberg's plurality of links being edited based on a selected option in order to provide users with an implementation preference wherein the application breaks data into smaller chunks so that an application can act on the information.

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Burrows (US 6,021,409) teaches a method for parsing, indexing and searching World Wide Web pages.

Kessenich et al. (US 6,055,538) teach a method and system for using a Web browser to search large collections of documents.

Roberts et al. (US 6,344,851 B1) teach a method and system for Web site overview.

Rosin et al. (US 6,411,307 B1) teach a rotary menu wheel interface.

Wynn et al. (US 6,667,751 B1) teach a linear Web browser history viewer.

Robertson et al. (US 6,486,895 B1) teach a display system for displaying lists of linked documents.

Astiz et al. (US 6,035,330) teach a World Wide Web navigational mapping system and method

Inquires

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Lê whose telephone number is (703) 305-7601. The examiner can normally be reached on Monday - Friday from 5:30 am to 2:00 pm (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid, can be reached on (703) 308-0640.

The fax numbers for the organization where this application or proceeding is assigned are as follows:

Art Unit: 2174

(703) 872-9306 [Official Communication]

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

LVN

Patent Examiner

May 11, 2004

Kristine Kincaid
KRISTINE KINCAID
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100